

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("7046908").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/04 11:16
S2	193	((ray adj2 tracing\$1) (geometric adj2 optics)) and (optic\$4 with inter\$1connect\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:30
S3	54	((ray adj2 tracing\$1) (geometric adj2 optics)) and (optic\$4 with inter\$1connect\$3).ti,ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:25
S4	8844242	((arbitrary near2 shape\$1) shape\$1 (rough near3 surface\$1) block cuboid cylind\$5 rectang\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:32
S5	6277888	((arbitrary near2 shape\$1) shape\$1 (rough near3 surface\$1) block cuboid cylind\$5 rectang\$4).ti,ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:47
S6	21793	(discrete coupling guided) near3 mode	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:24
S7	6865	(discrete coupling guided) near3 mode.ti,ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:29
S8	0	S2 and S5 and S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:30
S9	828	((ray adj2 tracing\$1) (geometric adj2 optics)) and (wave\$1guid\$3 light\$1guid\$3 guide\$1light\$3 light\$1pipe)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:30
S10	332	((ray adj2 tracing\$1) (geometric adj2 optics)) and (wave\$1guid\$3 light\$1guid\$3 guide\$1light\$3 light\$1pipe).ti,ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:30

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S11	0	S10 and S5 and S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:31
S12	1	S9 and S5 and S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:31
S13	67	S4 and S6 and S10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 11:33
S14	102620	trac\$3 with (ray light lite beam)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:13
S15	40877	trac\$3 with (ray light lite beam).ti,ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 13:57
S16	3033	385/121,146-147.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 14:27
S17	187	"385"/\$.ccls. and S15	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:29
S18	172	S17 not S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:11
S19	5	(US-20070189701-\$ or US-20070081784-\$).did. or (US-5852693-\$ or US-5812714-\$ or US-5604837-\$).did.	US-PGPUB; USPAT	OR	ON	2007/10/04 14:28
S20	2	("6704549").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/04 15:11
S22	40	S14 and S21	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:14

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S23	1162	geometric adj3 optic\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:36
S24	82	geometric adj3 optic\$1.ti,ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 16:16
S25	307	((mmi multi\$1mode) near5 (wave\$1guid\$3 light\$1guid\$1 guide\$1light\$3)) and (intersect\$4 with (line point axis axes))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:33
S26	63	((mmi multi\$1mode) near5 (wave\$1guid\$3 light\$1guid\$1 guide\$1light\$3)) and (intersect\$4 with (line point axis axes)).ti, ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:33
S27	0	S24 and S26	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:33
S28	0	S24 and S25	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:33
S29	0	S24 and "385"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:34
S30	99	S23 and "385"/\$.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:34
S31	6	S23 and S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:34
S32	63	S23 same ((trace tracing intersect\$3) with (ray beam light lite))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:38
S33	4	("5067067"   "5075800"   "5218471").PN. OR ("6567226").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 15:49

## EAST Search History

S34	21	("2817837"   "2959784"   "3510873"   "3646565"   "3936837"   "3949404"   "4047287"   "4398200"   "4410892").PN. OR ("4607260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 16:02
S35	0	(tracing near3 (ray beam light lite)) with (transform\$3 chang\$3) with ((wave\$1guid\$1 light\$1guid\$3 guide\$1light\$3) near3 mode)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 16:04
S36	0	(tracing near3 (ray beam light lite)) same (transform\$3 chang\$3) same ((wave\$1guid\$1 light\$1guid\$3 guide\$1light\$3) near3 mode)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 16:05
S37	106	(tracing near3 (ray beam light lite)) and (transform\$3 chang\$3) and ((wave\$1guid\$1 light\$1guid\$3 guide\$1light\$3) near3 mode)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 16:05
S38	2	(geometric adj3 optic\$1) and (monte adj2 carlo).ti,ab,clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 16:18
S39	13	(geometric adj3 optic\$1) and (monte adj2 carlo)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 16:18

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("7046908").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/06 12:14
L2	2	("6865343").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/06 12:16
L3	782	(385/121,146-147).CCLS.	US-PGPUB	OR	OFF	2007/10/06 12:38
L4	3191	trac\$3 with (ray light lite beam).clm.	US-PGPUB	OR	ON	2007/10/06 12:19
L5	249	(mmi multi\$1mod\$2) near5 (wave\$1guid\$3 light\$1guid\$3 guide\$1light\$3).clm.	US-PGPUB	OR	ON	2007/10/06 12:21
L6	298	(mmi multi\$1mod\$2) with (wave\$1guid\$3 light\$1guid\$3 guide\$1light\$3).clm.	US-PGPUB	OR	ON	2007/10/06 12:40
L7	4917	(trac\$3 (geometric\$2 near2 optic\$4)) with (shap\$3 (rough near3 surfac\$3) block cuboid cylind\$5 rectang\$4 intersect\$3).clm.	US-PGPUB	OR	ON	2007/10/06 12:24
L8	502	4 and 7	US-PGPUB	OR	ON	2007/10/06 12:24
L9	2	3 and 8	US-PGPUB	OR	ON	2007/10/06 12:25
L10	0	6 and 8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/06 12:39
L11	500	8 not 3	US-PGPUB	OR	ON	2007/10/06 12:40